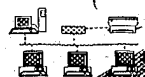


M-1-E

0400 4-25581j

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/820,089

Source: OIPF

Date Processed by STIC: 4/10/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

DATE: 04/10/2001

PATENT APPLICATION: US/09/820,089

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

PP-3-5

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Xu, Jiangchun
 4 Stolk, John A.
 6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 7 AND DIAGNOSIS OF OVARIAN CANCER
 9 <130> FILE REFERENCE: 210121.509
 11 <140> CURRENT APPLICATION NUMBER: US/09/820,089
 12 <141> CURRENT FILING DATE: 2001-03-27
 14 <160> NUMBER OF SEQ ID NOS: 35
 16 <170> SOFTWARE: Corixa Invention Disclosure Database
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 502
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 25 <400> SEQUENCE: 1
 26 tttttttttt tttttatcaa atgaatactt tattagagac ataacacgta taaaataaat 60
 27 ttcttttcat catggagtta ccagatttta aaaccaacca acactttctc atttttacag 120
 28 ctaagacatg ttaaattctt aaatgccata atttttgttc aactgotttg tcattcaact 180
 29 cacaagtcta gaattgtgatt aagctacaaa tctaagtatt cacagatgtg tcttaggctt 240
 30 gggttgtaac aatctagaag caatctgttt acaaaagtgc caccaaagca ttttaaagaa 300
 31 accaatttaa tgccaccaaa cataagcctg ctatacctgg gaaacaaaaa atctcacacc 360
 32 taaattctag cagagtaaac gattccaact agaattgtctg tatatccata tggcacattt 420
 33 atgactttgt aatatgtaat tcataatata gggttaggtg tgtggtatgg agctaggaaa 480
 34 accaaagtag taggatatta ta 502
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 1929
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Homo sapiens
 41 <400> SEQUENCE: 2
 42 ggcgcctca cctccagcca gcctcttctt gcagaggagt agtgtcagcc acctgttact 60
 43 aagctgaaac atgtccctct ggagcttcca cctggccagg gaggacggag actttgacct 120
 44 actccacatg gagaggcaac catgtctgga agtgactatg cctgagtcct agggcgccgc 180
 45 aggtaggaaa cattcacaga tgaagacagc agattcccca cattctsayc ttggcctgt 240
 46 tcaatgaaac cattgtttgc ccatctcttc ttagtggaac tttaggtctc ttttcaagtc 300
 47 tctcagtc tcaatagtgc ctggggaaaa acagagctgg tagacttgaa gaggagcatt 360
 48 gatgttgggt ggctttttgt ctgtcactga gaaattcggg atacatttgt ctccccctg 420
 49 atattgttgc ctgatgcccc cccaacaaaa ataaataaat aaattatggc tgctttattt 480
 50 aaatataagg tagctagtgt ttacacctga gataaataat aagcttagag tgtatttttc 540
 51 ccttgctttt gggggttcag aggagtatgt acaattcttc tgggaagcca gccttotgaa 600
 52 ctttttggtg cttaaatcctt attggaacca agacaaagga agcaaaattg gtctotttag 660
 53 agaccaattt gcctaaattt taaaatcttc ctacacacat cttagcgttc aagtttgcaa 720
 54 atcagttttt agcaagaaaa catttttgc tttgctaagt ctgccccaaag 780
 55 ccccccattt gcattccttc aacaaaatac aatctctgta ctttaaagtt atttttagtca 840
 56 tgaaatttta tatgcagaga gaaaaagtta ccgagacaga aaacaaatct aagggaagg 900
 57 aatattatgg gattaagctg agcaagcaat tctggtggaa agtcaaacct gtcagtgtc 960
 58 cacaccaggg ctgtggctct cccagacatg cataggaatg gccacagggt tacactgcct 1020
 59 tcccagcaat tataagcaca ccagattcag ggagactgac caccaaggga tagtgtaaaa 1080
 60 ggacattttc tcagttgggt ccacagcag tttttcttcc tgcatttatt gttgaaaact 1140

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

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61 attgtttcat ttcttttttt ataggcctta ttaactgctta atccaaatgt gtaccattgg 1200
62 tgagacacat acaatgctct gaatacacta cgaatttgta ttaaacacat cagaatattt 1260
63 ccaaatacaa catagtatat tcttgaatat gtacttttaa cacaagagag actattcaat 1320
64 aaaaactcac tgggtctttc atgtctttta gctaagtaag tggtcagaag gttctttttt 1380
65 atattgtcct ccacctccat ctttttcaat aaaagatagg gcttttgctc ccttgttctt 1440
66 ggaggggacca ttattacatc tctgaactac ctttgatcc aacatgtttt aaatccttaa 1500
67 atgaattgct ttctcccaaa aaaagcacia tataaagaaa cacaagattt aattattttt 1560
68 ctacttgggg ggaaaaaagt cctcatgtag aagcaccac ttttgcaatg ttgttctaag 1620
69 ctatctatct aactctcagc ccatgataaa gttccttaag ctggtgattc ctaatcaagg 1680
70 acaagccacc ctagtgtctc atgtttgtat ttgggtccag ttgggtacat tttaaaatcc 1740
71 tgattttgga gacttaaaac caggttaatg gctaagaatg ggtaacatga ctcttggtgg 1800
72 attgttattt tttgtttgca atggggaatt tataagaagc atcaagtctc tttcttacca 1860
73 aagtcttggt aggtggttta tagttctttt ggctaacaaa tcattttgga aataaagatt 1920
74 ttttactac

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76 <210> SEQ ID NO: 3

77 <211> LENGTH: 683

78 <212> TYPE: DNA

79 <213> ORGANISM: Homo sapiens

81 <400> SEQUENCE: 3

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82 acaaagattg gtatgtttta ttttttttta aaaatgctat actaagagaa aaaacaaaag 60
83 accacaacaa tattccaaat tatagggtga gagaatgtga ctatgaagaa agtattctaa 120
84 ccaactaaaa aaaatattga aaccactttt gattgaagca aaatgaataa tgctagattt 180
85 aaaaacagtg tgaaatcaca ctttggctctg taaacatatt tagctttgct tttcattcag 240
86 atgtatacat aaacttattt aaaatgtcat ttaagtgaac cattccaagg cataataaaa 300
87 aaagaggtag caaatgaaaa ttaaagcatt ttttttgta gttcttcaat aatgatgoga 360
88 gaaactgaat tccatccagt agaagcatct ccttttggtt aatctgaaca agtrccaacc 420
89 cagatagcaa catccactaa tccagcacca attccttcac aaagtccttc cacagaagaa 480
90 gtgcgatgaa tattaattgt tgaattcatt tcagggtctc cttggtccaa ataaattata 540
91 gcttcaatgg gaagagggtcc tgaacattca gctccattga atgtgaaata ccaacgctga 600
92 cagcatgcat ttctgcattt tagccgaagt gagccactga acaaaactct tagagcacta 660
93 tttgaacgca tcyttgttaa tgt
94

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95 <210> SEQ ID NO: 4

96 <211> LENGTH: 755

97 <212> TYPE: DNA

98 <213> ORGANISM: Homo sapiens

100 <220> FEATURE:

101 <221> NAME/KEY: misc_feature

102 <222> LOCATION: (1)...(102)

103 <223> OTHER INFORMATION: n=A,T,C or G

105 <400> SEQUENCE: 4

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106 gatttgccct cgaggccasa attcggcacg aggtctttaca aacatatgtc caaggactct 60
107 aaattgagac tcttccacat gtacaatctc atcatcctga antctataat gaagaaaaag 120
108 atctagaaac tgagttgygg agctgactct aatcaaatgt gatgattgga attagaccat 180
109 ttggcctttg aactttcata ggaaaaatga cccaacattt cttagcatga gctacctcat 240
110 ctctagaagc tgggatggac ttactattct tgtttatatt ttagatactg aaagggtgcta 300
111 tgcttctggt attattccaa gactggagat aggcagggtt aaaaagggtat tattattttt 360
112 cctttaatga tgggtgctaaa attcttcccta taaaattcct taaaaataaa gatggtttta 420
113 tcaactacat tgtgaaaaca taactgttag acttcccggt tctgaaagaa agagcatcgt 480
114 tccaatgctt gttcmctggt cctctgtcat actgtatctg gaatgctttg taatacttgc 540

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

115 atgctttctta gaccagaaca tgtagggtccc cttgtgtctc aagacttttt ttttcttaat 600
 116 tgcattttgtt ggcctctatct taattttttt ctttttaaat aaacagctgg gaccatccca 660
 117 aaagacaagc catgcataca acttttggtca tgtatctctg caaagcatca aattaaatgc 720
 118 acgcttttgt catgtcaaaa aaaaaaaaaa aaaaa 755

120 <210> SEQ ID NO: 5

121 <211> LENGTH: 360

122 <212> TYPE: DNA

123 <213> ORGANISM: Homo sapiens

125 <400> SEQUENCE: 5

126 tttcagggga ggagacaagg tttcttgttt gccgtatatg ctccctgcaga gaagaggaag 60
 127 tgaccgtgga ggccatcttg cctgtgtttt tgatatggca aaattaatga atgcaatcag 120
 128 aagacctttg agcaagaaag taccctggaa caaccaat tggactgcaa gtattagttg 180
 129 ggtcttccag gtgcctctca cagcagcagt catggcagca gtgactctag ccatgtccat 240
 130 gaccaactgc tgcataacaa atagcccga gactcagcag cttacaacag ggtccccagc 300
 131 ccacagactg gcaactggtcc atggcttgtt aggaacctga ctgccgcacc agaaggtgag 360

133 <210> SEQ ID NO: 6

134 <211> LENGTH: 122

135 <212> TYPE: DNA

136 <213> ORGANISM: Homo sapiens

138 <400> SEQUENCE: 6

139 tgggagacaa tttcacatgg actttggaaa atattttttt cctttgcatt catctctcaa 60
 140 acttagtttt tatctttgac caaccgaaca tgaccaaaaa ccaaaagtgc attcaacctt 120
 141 ac 122

143 <210> SEQ ID NO: 7

144 <211> LENGTH: 403

145 <212> TYPE: DNA

146 <213> ORGANISM: Homo sapiens

148 <220> FEATURE:

149 <221> NAME/KEY: misc_feature

150 <222> LOCATION: (1)... (320) (392)

151 <223> OTHER INFORMATION: n=A,T,C or G

153 <400> SEQUENCE: 7

154 aaaaagatga ataatgaat aagagagatg aataaacaaa tttacattac atgtgatagt 60
 155 tatcatggta tggccttcat gacaagatgg atgagaatat cactgatagg atattagcct 120
 156 tctttcatat ctttatattg aaatatgggc tttacttcaa tttgaaggtc tttcatgaac 180
 157 aataaaagag agtagaagga ctgtctgaga aggcaggaga catataaaac agatgactga 240
 158 aagactgact agctcctgga aagggaacaa tttggaacat ccagagtaag ggcaaatggg 300

W--> 159 cttctaccag cacaacaaan agcctccagg tggcaacatg gaagcagggtt atcagagaaa 360

W--> 160 ataatgtgc aaattccnta tttacnatga ctcacttaac ccc 403

162 <210> SEQ ID NO: 8

163 <211> LENGTH: 314

164 <212> TYPE: DNA

165 <213> ORGANISM: Homo sapiens

167 <220> FEATURE:

168 <221> NAME/KEY: misc_feature

169 <222> LOCATION: (1)... (121) (296) p.4

170 <223> OTHER INFORMATION: n=A,T,C or G

172 <400> SEQUENCE: 8

173 tttttttttt tttttgtttt ttttaattgc aactggactt ttattgtgca gttacaacaa 60

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

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174 caaatgtttt cagaaaaata tttggaaaaa atataccact tcatagctaa gtcttacaga 120
W--> 175 naanaggatt tgctaataaa acttaagttt tgaaaattaa natgcaggta gtgcttntga 180
W--> 176 actaatgccc acagctccaa ggaanacatg tcctatttag ttattcaaat acaagttgag 240
W--> 177 ggcattgnga ttaancaaac aatatatttg ttanaacttt gtttttaaan tacttccct 300
178 tgacattact tata 314
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 451
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 9
186 ctgctattct gccaaaagac aatttctaga gtagttttga atgggttgat ttccccact 60
187 cccacaaact ctgaagccag tgtctagctt actaaaaaa gagttgtata taatatntaa 120
188 gatgctgagt atttcatagg aaagctgaat gctgctgtaa agtgcctttt aagctttttt 180
189 tttttttaat ccccttctaa tgaatgaaac taggggaatt tcaggggaca gagatgggat 240
190 ttgttgtatg ataaactgta tgtagttttt agtctttctg ttttgagaag cagtggttgg 300
191 ggcattttta agatggctgg ctactcttgt tttccctcat gataataaat ttgtcataac 360
192 tcagtaacat gaacttgccc ctagaggtag ttgttaataa ttttgaaata ttaaggtott 420
193 gccaagett c gatgattca cacctgtact a 451
195 <210> SEQ ID NO: 10
196 <211> LENGTH: 595
197 <212> TYPE: DNA
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 10
201 cttttatttg aagcagcagc cacatccctg catgatttgc attgcaatac aaccataacc 60
202 gggcagccac tctgagtgta taaccagtat aacataaacg tagcagcctc aatttttgcc 120
203 tttatgacga cagcttggtta tgggtgcagt ttgggtctgg ctttacgaag atggcgaccg 180
204 taacactcct tagaaactgg cagtcgtatg ttagtttcac ttgtctactt tatatgtctg 240
205 atcaatttgg ataccatttt gtccagatgc aaaaacattc caaaagtaat gtgtttagta 300
206 gagagagact ctaagctcaa gttctggttt atttcatgga tggaatgtta attttattat 360
207 gatattaaag aaatggcctt ttattttaca tctctccctt tttcccttt ccccttttat 420
208 tttcctcctt ttctttctga aagtttccct ttatgtccat aaaatacaaa tatattgttc 480
209 ataaaaaatt agtatccctt ttgtttggtt gctgagtcac ctgaacctta attttaattg 540
210 gtaattacag cccctaaaaa aaacacattt caaataggct tccactaaa ctcta 595
212 <210> SEQ ID NO: 11
213 <211> LENGTH: 518
214 <212> TYPE: DNA
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 11
218 cattgagcta ggcacattac tctctgaacg aaattcatat tatcttatta aggaagagtg 60
219 ttggtcttca ggagggaag tttgctgtat tggatgccat catcgtgtcc ttgtcattgc 120
220 ccttcgggtt ttcattcttg ctaaaccctt gtgaatgttc ttctaaccct cctgttcccc 180
221 acccttttc tcagatttga cctagaattc ccagcccaaa tccataattt cttagctcta 240
222 atacgaattt tcatgttgga caaaaacctt gctacaaatg ggttctatg gaacttctaa 300
223 ttaatgtgca aaatacatat tttctccagg ttaagaaatt ttaagtcaga tcatgtgac 360
224 acaataagaa aatttggttg tgtaattcat tgacctcttc cttccaaaat aacatcaagt 420
225 agccacctca gtgtgacaa atccagtcaa tagtagagaa tttaatcctt ggtcctataa 480
226 aagaataaaa ttcattgtcg taaaaaaaaa aaaaaaaaa 518
228 <210> SEQ ID NO: 12
229 <211> LENGTH: 651

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

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230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 12
234 atctttatgc aagacaagag tcagccatca gacactgaaa tatattatga tagattatga 60
235 agaattttct ctgtagaatt atattcttcc tggaaacctgg tagagtagat tagactcaaa 120
236 ggctttttct tcctttttctt actcctgttt ttccactca ctctcccaa gagatttcct 180
237 aaagcttcaa gcttaataag cctaatagtg aaaaataact gaatttaatg gtataatgaa 240
238 gttcttcatt tccagacatc tttaattgat cttaaagctc atttgagtct ttgccoctga 300
239 acaaagacag acccattaaa atctaagaat tctaaatttt cacaactggt tgagcttctt 360
240 ttcatattga aggatttgga atatatatgt ttccataaaa gtatcaagtg aaatatagtt 420
241 acatgggagc tcaatcatgt gcagattgca ttctgttatg ttgactcaat atttaattta 480
242 caactatcct tatttatatt gacctcaaga actccatttt atgcaatgca gacctgag 540
243 atatatgctaa cactctttca aataatttcc cttttctttt ataattctc tatagcaaat 600
244 ttttatgtat aactgattat acatatccat atttatattt cattgattcc a 651
246 <210> SEQ ID NO: 13
247 <211> LENGTH: 551
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 13
252 gtcaacttgg agcggctaatt gcactctggag tttgggcgag ggtttatgta tgacaggccc 60
253 ctgaggettta acttgctgga cttggattat gaactagcgg agcagcttga caacattgcc 120
254 gagaaagctt gctgtggggt tccctgcaag tgctctgggc agaggggaga ccgcggggccc 180
255 atcggcagca tcgggccaaa gggattcct ggagaagacg gctaccgagg ctatcctggg 240
256 gatgagggtg gaccgggtga gcggtgtccg cctggtgtga acggcaactca aggtttccag 300
257 ggctgcccgg gccagagagg cctgagcccc ccggtcotta tttttatgac ctaccgtca 360
258 cctcagccca tgatcagtcct ctggttctga agcagaacct caccgtoacg gaccgcgtca 420
259 ttggaggcct gctcgtggtg cagacatacc atgtgggtgt ggtctgtac ctgagggtctc 480
260 aggtcagagc cactaccat ggaagtttca gtacaaagaa atctcagccc ccacctccac 540
261 agccagcaag g 551
263 <210> SEQ ID NO: 14
264 <211> LENGTH: 392
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapiens
268 <220> FEATURE:
269 <221> NAME/KEY: misc_feature
270 <222> LOCATION: (1)...(338)
271 <223> OTHER INFORMATION: n=A,T,C or G
273 <400> SEQUENCE: 14
274 atggggtaga cctcggccac atttatggag acaatctgga gcgtcagtat caactgcggc 60
275 tctttaagga tgggaaactc aagtaccagg tgctggatgg agaaatgtac ccgccctcgg 120
276 tagaagaggc gcctgtgttg atgactacc cccgaggcat cccgccccag agccagatgg 180
277 ctgtgggcca ggagggtgtt gggctgcttc ctgggctcat gctgtatgcc acgctctggc 240
278 tacgtgagca caaccgtgtg tgtgacctgc tgaaggctga gcacccacc tggggcgatg 300
279 agcaagcttt ttccagacga cccgcctcat cctcatangg ggagaccatc aaagaattgt 360
280 catcgaggaa gtacgtgcca gcaagcttga at 392
282 <210> SEQ ID NO: 15
283 <211> LENGTH: 353
284 <212> TYPE: DNA
285 <213> ORGANISM: Homo sapiens

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:09

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

L:11 M:270 C: Current Application Number differs, Wrong Format

L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35